

WHAT IS CLAIMED IS:

1. A transfer apparatus comprising:

a light source;

a transmission type image display device in which a liquid crystal layer is held between two sets of substrates and polarizing plates; and

a photosensitive recording medium;

wherein the light source, the transmission type image display device and the photosensitive recording medium are arranged in series along a direction in which light from the light source advances, and a display image transmitted from the transmission type image display device is transferred to the photosensitive recording medium, and

wherein the transmission type image display device and the photosensitive recording medium are arranged in a non-contact state, and a distance between the transmission type image display device and the photosensitive recording medium and a sum total of thicknesses of a substrate and a polarizing plate at least on a side of the photosensitive recording medium in the transmission type image display device are set in accordance with a definition of the display image.

2. The transfer apparatus according to Claim 1,

wherein said sum total is not more than 1.0 mm.

3. The transfer apparatus according to Claim 1, wherein said distance is 0.01 mm to 3 mm.

4. The transfer apparatus according to Claim 1, wherein the display image and the image transferred to the photosensitive recording medium are substantially identical in size.

5. The transfer apparatus according to Claim 1, wherein each pixel size of the image display device is not more than 0.2 mm.

6. The transfer apparatus according to Claim 1, further comprising a substantially parallel rays generating element arranged between the light source and the image display device.

7. The transfer apparatus according to Claim 1, wherein said substantially parallel rays generating element comprises a porous plate having a plurality of through-holes, and wherein the porous plate has a thickness not less than three times the diameter or equivalent diameter

of said plurality of through-holes.

8. The transfer apparatus according to Claim 1,
wherein said plurality of through-holes are parallel to
each other and have a circular or polygonal cross section.